Amendments to the Specification:

Please replace the originally filed abstract with the following amended abstract:

ABSTRACT

Methods and apparatus for determining a remainder value are disclosed. The methods and apparatus ~~extracts~~ extract a residuary subset bitfield value from a binary value that is calculated using a scaled approximate reciprocal value that is associated with a compound exponent scaling value. The residuary subset bitfield value is part of a range of contiguous bits that is associated with upper and lower boundary bit-position values that are part of the compound exponent scaling value. The methods and apparatus determine the remainder value based on the residuary subset bitfield value.
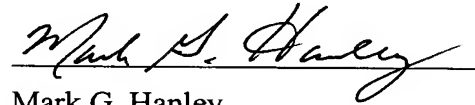
REMARKS

The applicants have submitted herewith a revised abstract to correct a minor typographical error in the originally filed abstract. In particular, the word "extracts" has been replaced with the word "extract."

An early favorable action on the merits is respectfully requested.

Respectfully submitted,

Dated: *August 14, 2003*

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